



CLEAN COPY OF AMENDED CLAIMS IN COMPLIANCE WITH 37 C.F.R. 1.121

1. An ink jet receiving sheet comprising a support and at least an ink receiving layer containing a binder selected from the group consisting of gelatin and gelatin derivatives, characterized in that said receiving layer comprises at least a salt of a metal selected from the IIA or IIB groups of the periodic table of elements or complexes which comprise said metal salts and in that said receiving sheet has a surface pH value lower than 5.0.

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2. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers totally comprise a gelatin amount ranging from 1 to 20 g/m².

3. The ink jet receiving sheet according to claim 1, characterized in that said metal is selected from the group consisting of calcium, magnesium, zinc and barium.

4. The ink jet receiving sheet according to claim 1, characterized in that said metal salt is an inorganic salt.

5. The ink jet receiving sheet according to claim 1, characterized in that said metal salt is selected from the group consisting of magnesium sulfate, magnesium nitrate, calcium sulfate, calcium nitrate, zinc sulfate, zinc nitrate and barium chloride.

6. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers totally comprise an amount of said metal salt in the range from 0.05 to 2.0 g/m².

7. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers totally comprise a ratio of gelatin to metal salt in the range from 2:1 to 200:1.

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8. The ink jet receiving sheet according to claim 1, characterized in that said receiving layers comprise at least one saccharide selected from the group consisting of monosaccharides, oligosaccharides, and polysaccharides.

9. The ink jet receiving sheet according to claim 1, characterized in that said receiving sheet comprises at least two adjacent ink receiving layers coated on the same side of the support, and in that both adjacent ink receiving layers nearest to the support each comprise a metal salt amount ranging from 0.025 to 1 g/m².

10. An ink jet receiving sheet comprising a support and at least one ink receiving layer containing a binder selected from the group consisting of gelatin and gelatin derivatives, characterized in that said receiving layer comprises at least a nitrate or sulfate salt of a metal selected from the IIA or IIB groups of the periodic table of elements or complexes which comprise said metal salts and in that said receiving sheet has a surface pH value lower than 5.0.

11. The ink jet receiving sheet according to claim 10, characterized in that said metal is selected from the group consisting of calcium, magnesium, zinc and barium.

12. An ink jet receiving sheet comprising a support and at least one ink receiving layer containing a binder comprising gelatin or gelatin derivatives, characterized in that said receiving layer comprises at least a salt of a metal selected from the group consisting of calcium, magnesium, zinc and barium or complexes which comprise said metal salts and said receiving sheet has a surface pH value lower than 5.0.

13. The ink jet receiving sheet according to claim 12, characterized in that said receiving layers totally comprise a gelatin amount ranging from 1 to 20 g/m².

14. The ink jet receiving sheet according to claim 12, characterized in that said metal salt has an anion selected from the group consisting of sulfate and nitrate.

15. The ink jet receiving sheet according to claim 13, characterized in that said metal salt has an anion selected from the group consisting of sulfate and nitrate.

16. The ink jet receiving layer of claim 12 wherein the metal salt comprises calcium nitrate.

17. The ink jet receiving layer of claim 12 wherein the metal salt comprises magnesium sulfate.

18. The ink jet receiving layer of claim 12 wherein the metal salt comprises zinc sulfate.

19. The ink jet receiving layer of claim 12 wherein the metal salt comprises barium chloride.